



# MATERIAL SAFETY DATA SHEET

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3/30/89

ARMOR-CRETE POWDER/FOSROC EPOXY LINER POWDER/NITOMORTAR EL POWDER/NITOFLOL TF 5000 POWDER/CONBEXTRA EPL AGGREGATE/NITOFLOL ANTI SLIP GRAINS/NITOFLOL EPOXY PATCH AGGREGATE/NITOFLOL SL 2000 AGGREGATE/NITOFLOL SL 4000 AGGREGATE/NITOFLOL TF 5212 AGGREGATE/NITOMORTAR HB AGGREGATE/NITOMORTAR S AGGREGATE/NITOFLOL SL 4000 A/S AGGREGATE  
Graded Sand

FOSROC

## SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	NTP/ IARC/ OSHA CARC.	OSHA PEL (PPM)	NIOSH CEILING (PPM)	ACGIH TLV (PPM)	LEL PERCENT	VAPOR PRESSURE
Silica, Crystalline - Quartz CAS #14808607	Yes (Pulmonary Dust)	5 mg/M <sup>3</sup>	N.A.	5 mg/M <sup>3</sup>	N.A.	N.A.

N.A. = Not Applicable/Not Available

## SECTION III: PHYSICAL DATA

BOILING RANGE N.A. VAPOR DENSITY  HEAVIER  LIGHTER, THAN AIR

EVAPORATION RATE  FASTER  SLOWER, THAN ETHER PERCENT VOLATILE BY VOLUME 0 WEIGHT PER GALLON 20 Lbs.

APPEARANCE & ODOR: Tan powder, odorless.

## SECTION IV: FIRE AND EXPLOSION DATA

DOT Category: Not Regulated Flash Point: N.A. LEL: N.A.

Extinguishing Media: N.A.

Special Firefighting Procedures: None

Unusual Fire & Explosion Hazards: None

Hazardous Decomposition Products: None

Target Organ Information: On overexposure, silica dust can cause silicosis on excessive inhalation.

SARA Statement: This product does not contain any chemicals which are reportable under Section 313 of Title III SARA.

SECTION V: HEALTH

ATA

Effects of Overexposure

First Aid

Eyes

Can cause irritation, redness, tearing, blurred

Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.

Skin

Can cause moderate irritation, defatting, dermatitis.

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

Inhalation

Can cause nausea and headache.

Remove individual to fresh air.

Ingestion

Can cause gastrointestinal irritation and nausea.

If conscious, give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

SECTION IV: REACTIVITY DATA

Hazardous Polymerization: Cannot occur.

Stability: Stable

Incompatibility: May coagulate or flocculate if mixed with highly ionic solutions or organic solvents.

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:

Small Spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to ventilated closure.

Large Spill: Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g., sand earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

Waste Disposal Method: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Good hygienic practices must be observed. If TLV of the product is exceeded, a NIOSH/MESA jointly approved self-contained breathing apparatus with a full face piece operated in positive pressure mode may be used.

Ventilation: Use local exhaust ventilation with minimum capture velocity of 100 ft./min. Refer to "Industrial Ventilation" by ACHIH.

Protective Gloves: Wear chemical resistant gloves such as Buna-N.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.

Other Protective Equipment: To prevent repeated or prolonged skin contact wear impervious clothing and boots.

SECTION IX: SPECIAL PRECAUTIONS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed. Keep out of reach of children.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Fosroc or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

WARRANTY

Fosroc warrants its products to be free of defects in material and workmanship. Under this warranty, we will provide, at no charge, product in containers to replace any product proved to be defective when applied in accordance with our written instructions and in applications recommended by us as to be suitable for this product. All claims concerning product application must be made within 12 months of manufacture. Absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty is void of any and all other warranties expressed or implied and Fosroc shall have no other liability for consequential damages.